

10/591783  
USP Rec'd PCT/PTO 05 SEP 2006

Docket No.: 13146-00004-US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Max Braun et al.

Application No.: National Phase of  
PCT/EP2005/001281

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: PRODUCTION OF CARBONYL FLUORIDE

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KP/

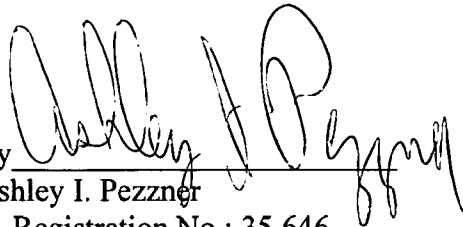
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The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 03-2775, under Order No. 13146-00004-US.

Respectfully submitted,

By 

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PTO/SB/08a/b (07-05)

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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Max Braun
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	13146-00004-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA*	US-6,489,510	12-03-2002	Braun et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	BA	EP-0 310 255	04-05-1989	Stauffer Manager Co. c/o ICI Americas Inc.		
	BB	WO-98/28351	07-02-1998	E. I. duPont de Nemours and Company		
	BC	WO-01/34667	05-17-2001	North Caroline State University et al.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author ( in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Kuz'Menko, V.A., "Reactions of Carbon Difluoride and Oxygen. Chlorine Catalysis", Zhurnal Fizicheskoi Khimii 63:7 (1989), See Database Chemabs, Chemical Abstracts Service, Database Accession No. 112:14054, XP002296381.	
	CB	Zhong, J. et al., "The Photolysis Characteristics of HCFC-22 in Presence of Hydrogen Peroxide", Huanjing Kexue 17:3 (1996), See Database Chemabs, Chemical Abstracts Service, Database Accession No. 126:218375, XP002296382.	
	CC	Komarov, V. et al., "Reaction of Ozone with Halogen-Substituted Saturated Hydrocarbons", Kinetika i Kataliz 21:2, See Database Chemabs, Chemical Abstracts Service, Database Accession No. 93:132037, XP002296383.1980.	
	CD	Brownsword, R. A. et al., "Photodissociation Dynamics of CHF <sub>2</sub> Cl after Photoexcitation at the Lyman-α Wavelength (121.6 nm)", J. Phys. Chem. A 101 (1997), pp. 995-999.	
	CE	Edney, E.O. et al., "Chlorine Initiated Photooxidation Studies of Hydrochlorofluorocarbons (HCFCs) and Hydrofluorocarbons (HFCs): Results for HCFC-22 (CHClF <sub>2</sub> ); HFC-41 (CH <sub>3</sub> F); HCFC-124 (CClF <sub>2</sub> CH <sub>3</sub> ); HFC-125 (CF <sub>3</sub> CH <sub>2</sub> F); HFC-134a (CF <sub>3</sub> CH <sub>2</sub> F); HCFC-142b (CClF <sub>2</sub> CH <sub>3</sub> ); AND HFC-152a (CHF <sub>2</sub> CH <sub>3</sub> )", International Journal of Chemical Kinetics 24 (1992), pp. 1067-1081.	

Examiner Signature		Date Considered	
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				First Named Inventor	Max Braun
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	13146-00004-US

CF	Atkinson, R. et al., "Tropospheric and Stratospheric Sinks for Halocarbons: Photooxidation, O (1D) Atom, and OH Radical Reactions", Journal of Geophysical Research 81:33 (1976), pp. 5765-5770.	
CG	Neve de Mevergnies, M., "Vibrational Photochemistry of Fluoroform Induced by CO <sub>2</sub> Laser Pulses", Infrared Phys. 25:1/2 (1985), pp. 175-189.	
CH	Kojima, M. et al., "Photolysis of CO <sub>2</sub> with 158 nm (F <sub>2</sub> ) Laser. Reactivity of O (1D) with CH <sub>4</sub> , CF <sub>3</sub> H, and CF <sub>3</sub> CH <sub>3</sub> ", Chemistry Letters (1992), pp. 1309-1312.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional) <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Karl Puttlitz/	Date Considered	09/08/2010
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